

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 5344-0017-23 DIV		SERIAL NO. NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Krzysztof MATYJASZEWSKI et al.			
				FILING DATE HEREWITH		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
mf D	AAC	M. Asscher et al, "Chlorine-Activation by Redox-Transfer, Part IV. The Addition of Sulphonyl Chlorides to Vinylic Monomers and Other Olefins", <u>Asscher and Vofsi</u> , pp. 4962-4971.					
mf D	AAD	N. KAMIGATA et al, "Novel Perfluoroalkylation of Alkenes with Perfluoroalkanesulphonyl Chlorides Catalysed by a Ruthenium (II) Complex", <u>J. Chem. Soc. Perkin Trans.</u> , pp. 627-633, 1991.					
mf D	AAE	V. PERCEC et al, "'Living" Radical Polymerization of Styrene Initiated by Arenesulfonyl Chlorides and Cu'(bpy) <sub>3</sub> c1", <u>Macromolecules</u> , Vol. 28, No. 23, pp. 7970-7972, 1995.					
mf D	AAP	V. PERCEC et al, "Metal-Catalyzed "Living" Radical Polymerization of Styrene Initiated with Arenesulfonyl Chlorides. From Heterogeneous to Homogeneous Catalysis", <u>Macromolecules</u> , Vol 29, No. 10, pp. 3665-3668, 1996.					
mf D	AAG	Chemical Abstracts, Vol. 85, 1976, pp. 20.					
mf D	AAH	O. W. WEBSTER, "Living Polymerization Methods", <u>Science</u> , Vol. 25, February 22, pp. 887-893, 1991.					
mf D	AAI	S. COCA et al, "Polymerization of Acrylates by Atom Transfer Radical Polymerization. Homopolymerization of 2-Hydroxyethyl Acrylate", <u>Journal of Polymer Science: Part A: Polymer Chemistry</u> , Vol. 36, pp. 1417-1424, 1998.					
mf D	AAJ	C. GRANEL et al "Controlled Radical Polymerization of Methacrylic Monomers in the Presence of Bis(ortho-chelated) Arylnickel(II) cComplex and Different Activated Alkyl Halides", <u>Macromolecules</u> , Vol. 29, No. 27, pp. 8576-8582, 1996.					
mf D	AAR	K. MATYJASZEWSKI et al, "Zerovalent Metals in Controlled/"Living" Radical Polymerization", <u>Macromolecules</u> , Vol 30, No. 23, pp. 7348-7350, 1997.					
mf D	AAL	C. MARESTIN et al, "Nitroxide Mediated Living Radical Polymerization of Styrene in Emulsion", <u>Macromolecules</u> , Vol. 31, No. 12, pp. 4041-4044, 1998.					
mf D	AAM	J. XIA et al, "Controlled/"Living" Radical Polymerization. Homogeneous Reverse Atom Transfer Radical Polymerization Using AIBN as the Initiator", <u>Macromolecules</u> , Vol. 30, No. 25, pp. 7692-7696, 1997.					
mf D	AAN	S. A.F. BON et al, "Controlled Radical Polymerization in Emulsion", <u>Macromolecules</u> , Vol. 30, No. 2, pp. 324-326, 1997.					
mf D	AAO	<u>Macromolecules</u> "Evidence for Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex: Effects of Protic and Radical Compounds and Reinitiation from the Recovered Polymers," T. NISHIKAWA et al., Vol. 30, No. 8, 1997, pp. 2244-2248, 1997.					
mf D	AAP	T. MAKINO et al, "Controlled Atom Transfer Radical Polymerizations of Methyl Methacrylate under Micellar Conditions", pp. 288-289.					
mf D	AAO	"Controlled "Living" Emulsion Polymerization of Methyl Methacrylate by Atom Transfer Radical Polymerization", pp. 90-134, (PART 2 OF "AAP" DOCUMENTS ABOVE).					
mf D	AAR	U. SCHUBERT et al, "Design of Effective Systems for Controlled Radical Polymerization of Styrene: Application of 4,4'-Dimethyl and 5,5'-Dimethyl 2,2'-Bipyridine Copper(II) Complexes", <u>Macromol. Rapid Commun.</u> , Vol. 20, No. 6, pp. 351-355, 1999.					
	AAS						
Examiner				Date Considered			
Michael J. D. Verdi				4/19/01			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 5344-0017-23 DIV		SERIAL NO. 09/359,359	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Krzysztof MATYJASZEWSKI et al			
				FILING DATE July 23, 1999		GROUP 1743 1755	
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EXAMINER INITIAL		DOCUMENT NUMBER	TRADEMARK DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
mjd	AA	5,886,118	03/23/99	PERCEC	526	146	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
mjd	AW	Seong Mu JO et al, "Effects of Various Copper Salts and Additives on Polymerization of Acrylonitrile by Atom Transfer Radical Polymerization", pages 699-700.					
mjd	AX	Dorota GRESZTA et al, "Gradient Copolymers of Styrene and Acrylonitrile Via Atom Transfer Radical Polymerization", pages 709-710					
mjd	AY	Seong Mu JO et al, "Polyacrylonitrile with Low Polydispersities by Atom Transfer Radical Polymerization", pages 697-698.					
	AZ						
Examiner Michael J. D. Vardi				Date Considered 4/19/01			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
mf D	AA	3,862,978	01/28/75	DECKER et al.	260	465.7	
mf D	AB	4,145,486	03/20/79	HAAG et al	521	31	
mf D	AC	5,169,914	12/08/92	KASZAS et al	526	135	
mf D	AO	5,405,913	04/11/95	HARWOOD et al	525	245	
mf D	AE	5,451,647	09/19/95	FAUST et al	526	147	
mf D	AP	5,708,102	01/13/98	FRYD et al	526	172	
mf D	AG	5,763,548	06/09/98	MATYJASZEWSKI et al	526	135	
mf D	AH	5,767,210	06/16/98	LECOMTE et al	526	166	
mf D	AI	5,773,538	06/30/98	FEIRING	526	146	
mf D	AJ	5,789,487	08/04/98	MATYJASZEWSKI et al	525	301	
mf D	AK	5,807,937	09/15/98	MATYJASZEWSKI et al	526	135	
mf D	AL	5,811,500	09/22/98	DUBOIS et al	526	145	
mf D	AM	5,854,364	12/29/98	SENNINGER et al	526	192	
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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
mf D	AN	EP 0 265 091 A1	04/27/88	EPO			
mf D	AO	EP 0 789 036 A2	08/13/97	EPO			
mf D	AP	EP 0 816 385 A1	01/07/98	EPO			
mf D	AQ	EP 0 832 902 A2	04/01/98	EPO			
mf D	AR	EP 0 826 698 A1	03/04/98	EPO			
mf D	AS	EP 0 824 111 A1	02/18/98	EPO			
mf D	AT	EP 0 824 110 A1	02/18/98	EPO			
mf D	AU	WO 97/47661	12/18/97	WIPO			
mf D	AV	WO 98/06758	02/19/98	WIPO			
mf D	AW	WO 98/20050	05/14/98	WIPO			
mf D	AX	1165828A	11/26/97	CHINA		XX	
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mf D	AY	T. Nakata et al., "New Initiator Systems for Radical Polymerization of Vinyl Monomers", <u>Polymer Letters</u> , Vol. 5, pp. 697-701, 1967.					
mf D	AZ	T. E. PATTEN et al, "Polymers with very Low Polydispersities from Atom Transfer Radical Polymerization", <u>Science</u> , Vol. 272, pp. 866-868, May 10, 1996.					
mf D	AAA	V. PERCEC et al, "Self-Regulated Phase Transfer of Cu <sub>2</sub> O/bpy, Cu(0)/bpy, and Cu <sub>2</sub> O/cu(0)/bpy Catalyzed "Living" Radical Polymerization Initiated with Sulfonyl Chlorides", <u>Macromolecules</u> , Vol. 31, No. 12, pp. 4053-4056, 1998.					
mf D	AAB	A. OROCHOV et al, "Redox-Transfer, Part VI, Determination of Hammet's O-Constant for the Oxidation of Cuprous Chloride by Aromatic Sulphonyl Chlorides", <u>J. Chem. Soc. (B)</u> , pp. 255-259.					
Examiner <i>Michael J. D. Verdi</i>					Date Considered 4/19/01		
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